

## **REMARKS**

### **I. Introduction**

Claims 1 to 4 are pending in the present application. Claims 1 to 4 have been amended. No new matter has been added. In view of the foregoing amendments and following remarks, it is respectfully submitted that all of the presently pending claims are allowable, and reconsideration is respectfully requested.

### **II. Rejection of Claims 1 to 4 Under 35 U.S.C. § 102(b)**

Claims 1 to 4 were rejected under 35 U.S.C. § 102(b) as anticipated by Becker et al., “Automatic Parallelism Exploitation for FPL-based Accelerators” (“the Becker reference”). It is respectfully submitted that Becker reference does not anticipate any of the present claims, and the rejection should be withdrawn, for at least the following reason.

Claim 1, as herein amended without prejudice, relates to a method for partitioning a program and provides for defining a maximum allowable size to be mapped onto an array of reconfigurable units including a plurality of ALUs and a plurality of memory units, and partitioning the program such that its parts provide a mapping onto the array. The Becker reference, on the other hand, refers to partitioning for an rALU array. The Becker reference does not disclose, or even suggest, partitioning for an array including memory units.

Accordingly, the Becker reference does not disclose, or even suggest, all of the features of claim 1, and therefore does not anticipate claim 1.

Each of claims 2 and 3 includes subject matter analogous to that discussed above in support of the patentability of claim 1, and is therefore allowable for at least essentially the same reason as claim 1. Claim 4 depends from claim 3 and is therefore allowable for at least the same reason as claim 3.

Withdrawal of this anticipation rejection of claims 1 to 4 is therefore respectfully requested.

### **III. Conclusion**

It is respectfully submitted that all of the presently pending claims are in condition for allowance. Prompt reconsideration and allowance of the present application are therefore earnestly solicited.

Respectfully submitted,

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By: /Aaron Grunberger/  
Aaron Grunberger  
Reg. No. 59,210

KENYON & KENYON LLP  
One Broadway  
New York, New York 10004  
(212) 425-7200

**CUSTOMER NO 26646**